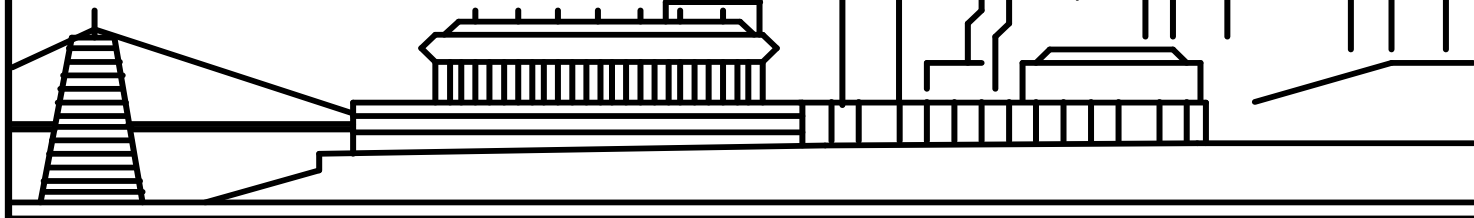




INSTITUTE OF
ELECTRICAL &
ELECTRONICS
ENGINEERS, INC.



SEPTEMBER 1997

IEEE CINCINNATI SECTION NEWSLETTER

SEPTEMBER MEETING: MICROROBOTICS AND TOUR - UNIVERSITY OF CINCINNATI

DATE: Thursday, September 25, 1997

LOCATION: U.C. Faculty Club

TIME: 5:30 p.m.	Social Time	DINNER: \$10.00	Members
6:00 p.m.	Dinner	5.00	Students
7:00 p.m.	Presentation and Tour	15.00	Non-Members
9:00 p.m.	Adjourn (approximate)		

The meal will be grilled chicken with sautéed mushrooms, green peppers, and onions, accompanied with fresh green beans, rice pilaf, tossed salad, rolls, and beverage.

Reservations are required for dinner only!!! Please call Dee Scott at 385-9446 before 12:00 noon on Tuesday, September 23, 1997 if you plan to attend.

DIRECTIONS AND PARKING: See map on page 2 - The Faculty Club is #22 on the map. Please park in the Library Garage (#20) or the College of Business Garage (#21). **There is a parking fee.**

ABOUT THE MEETING: Microbotics (robots smaller than 5 cm in any dimension) are coming of age in the research community. Many potential applications exist in medicine, defense, energy, and industry. The University of Cincinnati has excellent facilities in microelectronics and robotics and is actively pursuing research in microbotics. Professors Thurman Henderson, Bert Baker, and Ernie Hall will present a brief discussion of their research and then provide tours of the U.C. facilities.

CHAIR'S MESSAGE

by Randy Holt, Section Chair

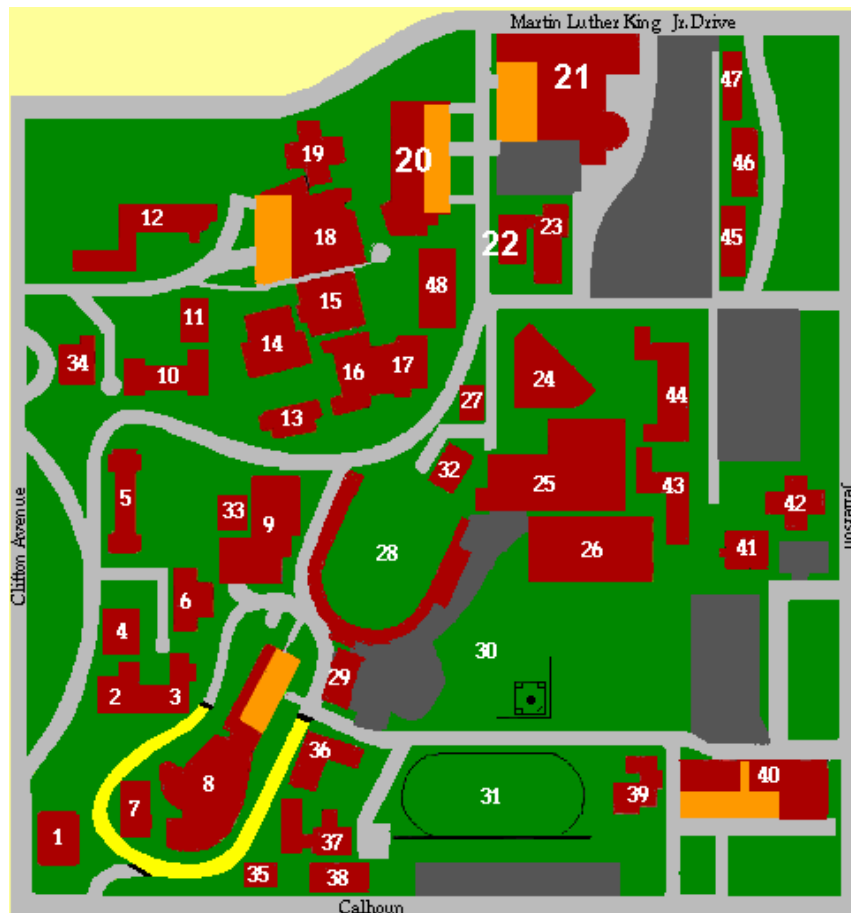
After our normal summer break, welcome! Your Executive Committee is working to provide you with a number of interesting technical programs throughout the 1997-98 "season," and I'm sure you will find them interesting.

Have you found us on the Internet? In mid-summer, we activated our new section web page at <http://ieee.cincinnati.fuse.net>, thanks to Cincinnati Bell Telephone. In addition to the normal "bookkeeping functions, you'll find an archive of all of Dick Reiman's articles that you can read and download. We'll also show technical meeting plans for the year and have plans to enlarge the scope of the page as time progresses.

You might wonder why we don't have a lot of bells and whistles on the pages, things like animated gif files, more graphics, etc. At this point we decided to develop a site that could be viewed by all of our members, regardless of the browser being used. Did you know that there are still a large number of people who use text-based browsers? Hopefully, our page will evolve and be redesigned at some time to permit selection of either text-based or graphics-based screen; in order to get things up as quickly as possible, we decided to keep things simple for now. Let us know what you think of the page, and tell us what else we can provide to make it more interesting and useful to you.

One selection on this page is to view the monthly section newsletter, and we'll probably be asking you soon if you would still want to receive the newsletter by e-mail or land mail, or if you wouldn't mind just reading (and downloading if you desire) the newsletter on our web site. I'm sure you know how much money in postage we save each month if we can distribute the newsletter electronically, and Bob Morrison's job is a lot easier if he doesn't have to generate multiple versions to accommodate all members who want it by e-mail.

I'm happy to be your IEEE chair in the section, and I'm looking forward to seeing you at our monthly meetings. PLEASE get in touch with me if you have suggestions, praise, or criticisms; and I'll do my best to help the Executive Committee deal with them. After all, this is YOUR section! By the way, did you know that the Cincinnati Section will be receiving an award at the Region 2 meeting on Sept. 20-21 in Philadelphia for having the best membership increase in the region? See you soon!!!



A MESSAGE FROM YOUR PACE CHAIRMAN

by Bill Lohner, PACE Chairman

" A Network of Professional Activities for Engineers "

It's hard to believe September is upon us and time to think about IEEE activities again. I plan to continue along the same theme as last year, that is to encourage high school students to take more interest in science and mathematics. I continue to hear stories of how high school graduates entering college can't do math very well and do poorly in reading and comprehensive skills. They feel that if they can turn a computer and access the Internet they can solve all problems.

We must encourage their natural curiosities for learning and instill in them a sense of pride and accomplishment. This is not to say all high school students do not want to succeed, but we need to encourage the ones who are on the fence and renew their interest in science and technical subjects.

At our last IEEE Executive Committee meeting we decided to investigate a National Engineer's Week billboard campaign with the message that " Engineers Make a World of Difference ". The goal of the IEEE program is to increase " grassroots " involvement, particularly undergraduate students during National Engineer's Week, and make a broader audience aware of technological achievements of engineers.

Another volunteer has come forward to help plan PACE activities for high schools this school year. We plan to meet shortly and plan a program for our Cincinnati Section. As usual we welcome any suggestions.

Bill Lohner
PACE Chairman
Cincinnati Section, IEEE
(513) - 385-7268

IEEE NEWS

IEEE Perspectives, May 1997

EMPLOYMENT BENEFITS: A PEEK AT FUTURE POSSIBILITIES

by George F. McClure, Member, IEEE-USA Engineering Employment Benefits
Committee

When you're looking for work or considering a job offer, chances are you pay close attention to the benefits package. But once you're employed, are you aware of how those benefits may change? Here's a look at trends and issues in employment benefits and what changes the future may bring.

Employer-provided benefits such as health insurance, term life insurance, dental care and child care are considered a part of the total compensation package. Under current tax law, employers can offer these benefits in lieu of additional salary. Term life insurance above \$50,000 is an exception. Employees do not need to pay taxes on premiums for the first \$50,000, but must do so on any amount over that.

Self-employed engineers can partially deduct self-purchased health insurance, provided that the taxpayer is not also covered under a spouse's group plan. The deductible percentage (30 percent in 1996) will go up in the future, reaching 45 percent in 1998. Premiums paid above those percentages can be included as an itemized deduction for medical expenses.

The use of higher deductibles with conventional employer health insurance plans has been a noticeable trend over the past decade. This trend puts more of the burden on the employee and makes preferred provider plans (that lack deductibles) or the Medical Savings Account (MSA), approved for a demonstration plan in the last

Congress, worth considering. MSA funds can be applied against the employee-paid portion of medical bills ,or saved for future medical expense if not currently used.

We can expect that, in the future, the total compensation package will be tied to the goals and performance of the firm that offers it. This package could include a plan that expands profit-sharing so employees also take risks in exchange for higher compensation overall, according to Mona Draper, chair of IEEE-USA's Engineering Employment Benefits Committee. Companies may also expand stock options to motivate the employees to become more productive. Lump-sum bonuses will become more prevalent as performance rewards rather than merit raises, because they do not obligate the employer to repeat them in the future when raising the base payroll.

Personal time off, sick leave, holidays, and vacation days now average out to seven percent of the compensation an employee receives. In the future, these specified days will be replaced with a flex leave plan, allowing you the flexibility to work holidays and save other days for whatever purpose you choose. As the workforce ages, other plans may be offered where the employee chooses a group of benefits within an allotted cost ceiling. Dependent care may include not just a child, but an aging parent. The new Family Leave Act cannot be considered a paid benefit, since it permits time off without pay to care for the birth of a new child.

A current issue is the exchange of equivalent time off from work (comp time) for exempt workers in exchange for overtime worked, rather than extra pay. Two bills in Congress advance the comp time idea: the Working Families Flexibility Act introduced by Rep. Cass Ballenger, R-N.C., and the Family Friendly Workplace Act introduced by Sen. John Ashcroft , R-Mo. The Flexible Employment Compensation and Scheduling Coalition, whose members include Boeing, Motorola, and the National Association of Manufacturers, backs these bills.

Critics of the proposed legislation contend there could be abuses of comp time, increasing the motivation for employers to add overtime to required work schedules since their cost is the same as for regular time. Comp time off would be measured day for day. Scheduling comp time off would require the employer's approval and that could be a problem. Another issue is that a company takeover or buyout could affect comp time that is on the books but has not been taken. Employees may see it as credits they have earned, but successor companies may not agree. Advocates say if the bills are enacted, workers could spend more time with their families.

IMMIGRATION REFORM UPDATE

by George F. McClure, Member, IEEE-USA Workforce Committee

During the 104th Congress, legislators divided legal and illegal immigration into separate issues, and action was taken only to tighten controls on illegal immigration. The legislation provided for strengthening border patrol monitoring and cutting off public assistance to illegal immigrants. The aim is to reduce the number of illegal immigrants in half within five years. Legal immigration totaled 720,461 in fiscal year 1995. An estimated 300,000 more persons enter the United States illegally each year.

The only period in our history when the United States had a comparable rate of immigration was at the turn of the century, during the years 1901-1914, when 923,000 persons were admitted each year. Between 1989 and 2000, without change in present law, we will average 1,189,000 immigrants per year.

IEEE-USA's principal concern has been employment-based immigration, which permits 140,000 immigrants to apply for permanent residence in the United States each year based on their skills and the need for those skills in the United States. In addition, another 65,000 workers can enter the United States each year for periods of up to three years under H-1B provisions, when prospective employers attest that they cannot fill their personnel openings with available U.S. citizens.

The median income of immigrants is 23 percent below the national median income, according to The Federation for American Immigration Reform. The Center for Immigration Studies points out that the United States receives four times the number of immigrants of any other country in the world. The top six states for immigrants taking up residence in 1994 were California, New York, Florida, Texas, New Jersey, and Illinois. Of immigrants admitted that year, 69 percent settled in one of these six states.

In addition to employment concerns, there are infrastructure support issues associated with immigration. More than half the graduate students in U.S. colleges and universities are non-citizens. More than 452,000 foreign students are enrolled in American colleges. Since U.S. taxpayers pay about half the costs of education at state and local colleges and universities, we are subsidizing the education of foreign students -- between 1988 and 1992, alien college students received \$1.8 billion in federal Pell grants for higher education.

Immigration also affects education on other levels. Without school-age immigrants (approximately 250,000 per year) and the children of immigrants (about 725,000 per year), school enrollments would be level, not growing. Among immigrants, 20 percent need some kind of public assistance, compared to 10 percent for citizens.

In 1995, 12 percent of immigrant admissions were employment-based (a total of 85,336 people). But since many of those persons admitted into the United States were spouses and children, the actual number of principals to be employed was less than 37,000. Of those, only 14 percent were engineers, mathematicians, computer scientists, or natural scientists. It took 85,336 admissions to fill 5,066 skill-based positions.

Based on present immigration rates, the U.S. population could soar to 383 million by 2050, with corresponding needs for expanded transportation systems, housing, and natural resources. Roy Howard's book, *THE CASE AGAINST IMMIGRATION*, documents the problems arising for lower-skilled citizen workers by large scale immigration that increases competition for available jobs. Immigration reform is not a popular topic for Congress. Since nothing was done about legal immigration reform in the last Congress, much work remains to be done.

IS YOUR MEDICAL HISTORY PROTECTED?

by George F. McClure, Editor, IEEE-USA Technology Policy Council

An issue in medical-technology policy is handling personal health information to make it available to healthcare providers, who need it to treat the patient, while keeping it private from others. This would include employers who, conceivably, could use medical information to influence promotions or assignments. An example of a case where an employer could misuse sensitive information might be when an employee is receiving treatment for depression, or going through therapy for a marital problem.

Insurance companies already share medical data on individuals to the extent that information provided on one insurance application, or related lab test results, is available to other insurers considering issuing policies on those persons. The increased availability of information creates more possibilities for abuse. A recent instance of privacy abuse took place in Tampa, where a male worker in a health department recorded the identity of female HIV+ patients, using it as a guide when dating.

The evolution of medical records maintenance and storage is already evident. Medical records technicians are becoming the 15th fastest-growing occupation between 1994 and 2005, according to the Bureau of Labor Statistics' Occupational Outlook, 1996-1997. Healthcare organizations are developing standards for medical record formats to facilitate the transfer of information when necessary.

Suggested proposals for handling medical records include a central database for which a patient must give access authorization for access to his or her medical history, and a "smartcard." The smartcard is a credit card-sized memory bank that can be interpreted by special "reader." The same equipment would also have the capability of writing to the card, so that a healthcare practitioner can view the patient's medical history before treatment, then update it. The patient would maintain physical control of the smartcard, thereby controlling access to his medical records.

Another issue is the potential access an employer may have to an employee's medical data, particularly when it's related to treatment the patient received and the employer paid for through company-provided medical insurance. While there are safeguards in place that are supposed to prevent these data from reaching the employer, it is not clear that these protections always work.

As medical records technology continues to expand, we must be sure to look at the potential risks. When considering how easy it can be to gain access, let's not forget how easy it could also be to lose privacy.

IEEE MEMBERS WIN 1997 NATIONAL MEDALS OF TECHNOLOGY

U.S. IEEE members garnered all five 1997 National Medals of Technology, announced April 30 by the U.S. Department of Commerce. The Medals are the nation's highest honor for technological achievement. The winners are Norman R. Augustine, IEEE Fellow and CEO and Chairman, Lockheed Martin; Ray Dolby, IEEE Member and Chairman of Dolby Laboratories Inc.; Robert S. Ledley, IEEE Life Senior Member, member of the IEEE-USA Intellectual Property Committee, and Director of Medical Computing and Biophysics, Georgetown University Medical School; Vinton G. Cerf, IEEE Fellow and Senior Vice President of Data Architecture, MCI; and Robert E. Kahn, IEEE Fellow and President, Corporation for National Research Initiatives. Each individual was recognized for leadership and innovation that have made significant contributions to America by creating jobs, strengthening its competitive position, and advancing its standard of living.

UNIVERSAL TELECOMMUNICATIONS SERVICE ACCESS PROMOTED BY IEEE

IEEE-USA Chair Daniel R. Benigni wrote to Federal Communications Commission (FCC) Chairman Reed E. Hundt on April 9 to promote universal access to telecommunications services. Benigni called on the FCC to identify incentives to promote infrastructure development and encourage broadband network access by underserved populations, and to cooperate with local government and private-sector entities to assist in aggregating demand for telecommunications networks and service. Benigni included IEEE-USA's recently issued position paper, "Universal Access."

MENTORS NEEDED

Engineers who would like to serve as mentors but who don't have much time away from the office can still share their expertise through the Science By Mail (SBM) program sponsored by the Museum of Science in Boston. SBM is a national program that pairs up children in grades 4-9 with a scientist who acts as their mentor. Participants receive two science activity packets to complete, and correspond with their pen-pal scientist on their projects. The program exposes children to the many fields in the sciences. SBM is seeking volunteer mentors. The minimum requirement is a bachelor's degree in a science or technology-related field. There are currently 26,000 children and 1,300 scientists in the program, including 35 IEEE members. Technology Policy Council Chair and United States Activities Board member Robert S. Powers is an SBM volunteer. The program, he says, "is very rewarding. The school kids continually amaze me with their interest in the SBM projects. It's a super opportunity to help our girls and boys understand and get interested in the basics of science and technology." To volunteer, send a message to Tom Champoux, SBM marketing director, at champoux@a1.mos.org.

CONTINUING EDUCATION COMMITTEE SEEKS MEMBER INPUT

The Continuing Education Committee of the IEEE Educational Activities Board constantly strives to provide the latest and most effective programs to help IEEE members stay technically competent. The committee selects the best topics, format and media, based on the collective judgment of its members, IEEE staffers and outside experts. There is one crucial ingredient that is missing, however: MEMBER INPUT. The committee RELIES on sustained feedback from members to know how well it is meeting member needs.

Have you used any of the IEEE's educational products? Did you even know they existed? Do the products cover the technical areas that are of interest to you? Are there other topics, technical or non-technical, that you would like to see presented? Is the level of presentation too theoretical, too applied, just right? Would educational materials be more useful to you if they were organized in a different way, shorter blocks, longer blocks?

How about the costs and availability? Are the educational materials too expensive? Wrong format or medium? Too hard to identify the specific material you need, or can't find anything suitable? Your Continuing Education Committee would be most interested in hearing from you on any aspect of member education. Member feedback is essential to the effectiveness of any IEEE activity. Remember, your dues are paying for the committee's activities. Maximize the effectiveness of your dues by passing along YOUR suggestions to the Continuing Education Committee. Just slide over to your keyboard and dash off a message NOW, to Gale Latzko (Educational Outreach Coordinator at HQ) at g.latzko@ieee.org, or Ted Moody, Chairman of the Continuing Education Committee, at t.moody@ieee.org. Let them know what YOU need from YOUR IEEE to keep technically current.

TODAY'S ENGINEER MAGAZINE TO DEBUT IN JANUARY

WASHINGTON, May 2, 1997 -- TODAY'S ENGINEER, the first magazine to be devoted exclusively to the professional lives of engineers in all technical fields, will begin quarterly publication in January 1998, according to its publisher, the career and technology-policy arm of The Institute of Electrical and Electronics Engineers (IEEE-USA). The magazine will begin with a controlled circulation of 75,000 and eventually convert completely to individual and group subscriptions.

"In our era marked by rapid changes in technology, the world economy and corporate culture, there is a crying need for a publication that gives engineers the tools they need to build successful and rewarding careers," Gus Gaynor, the new magazine's editor-in-chief. "TODAY'S ENGINEER aims to provide them what they can't get from technical courses, conferences and publications -- and present it with intelligence, sparkle and wit."

Gaynor added that he hopes TODAY'S ENGINEER will help engineers "think outside the cubicle" in order to take control of their professional destinies. For engineers working in organizations, he explained, that mission would include tackling such topics as sharpening leadership skills, developing an entrepreneurial spirit and a business perspective, influencing one's organization, and preparing for management. "We're not Pollyannas; we share our readers' understanding of the many challenges facing today's professional," he said. "But we want to show that engineers don't have to be victims -- there are a wealth of opportunities for professional growth available to those with the knowledge, desire and commitment to seize them."

Gaynor announced that the premier edition's cover story will examine "the crossroads of the engineering profession." In a preview of themes that the magazine will explore in later issues, the article will analyze contrary forces which either threaten to deprofessionalize the practice of engineering or promise to raise it to new levels of professionalism. "The engineer today can be either priest or prole, master or minion," stated

Gaynor. "TODAY'S ENGINEER aspires to be a beacon for those who want to realize the greatest possibilities of their vocation."

For more information on TODAY'S ENGINEER, call 202-785-0017 or send e-mail to ieeusa-magazine@ieee.org. To subscribe, call 800-678-IEEE and ask for product no. JP2969. Annual subscriptions are \$18.95 for individuals (\$12.95 for IEEE members), and \$6.95 each for group subscriptions of 50 or more.

NATIONAL ENGINEERS WEEK EXHIBIT REQUESTS PHOTOS

In concert with National Engineers Week 1998, scheduled for Feb. 22-28, the National Building Museum in Washington will present a major new exhibit entitled, "Breaking Through: The Creative Engineer." The Institute, through IEEE-USA, is sponsoring the exhibit together with more than 50 other organizations.

To convey the topic of creativity in engineering, the first display will be a wall of photographs of actual engineers. Some will be historical figures or engineers featured elsewhere in the exhibit; the majority, however, will be ordinary engineers at work. Interspersed with their photos will be their quotations on creativity in engineering.

Robert Friedel, former director of the IEEE Center for the History of Electrical Engineering and curator of the new exhibit, is inviting engineers to submit candid photographs of themselves or others in representative work environments -- e.g., in the office, in the lab, or at the computer. The submissions should include the subject(s)'s quotable thoughts on creativity in engineering.

Submissions should be sent by Sept. 30, 1997, to "Breaking Through," National Building Museum, 401 F Street, N.W., Washington, DC 20001. Please include the following items: black-and-white or color snapshot(s); identification of person/people and activities, place and approximate date of photos; thoughts on creativity; your name, address and telephone number; signed statement giving permission for the National Building Museum to use the photos and quotations in the exhibit; and self-addressed, stamped envelope, if you wish photos to be returned.

For more information on National Engineers Week or for a 1998 planning kit, contact IEEE-USA's Chris Currie at 202-785-0017, ext. 342, or c.currie@ieee.org.

IEEE-USA HOLDS FIRST-EVER ELECTIONS

WASHINGTON, July 30, 1997 -- This fall, U.S. IEEE members for the first time will elect the top officers of IEEE-USA. The IEEE Board of Directors approved a major restructuring of the IEEE Bylaws in December 1996, which resulted in a newly designated IEEE-United States of America with enhanced autonomy through an election process that gives the IEEE's U.S. members -- not the IEEE Assembly -- the opportunity to elect their leaders. IEEE-USA's new Bylaws take effect on Jan. 1, 1998. What is now "IEEE United States Activities" will become "IEEE United States of America" in the United States Activities Board's 25th anniversary year.

Beginning in September, U.S. members will vote on an IEEE-USA 1998 President, a 1998 President-Elect (who would serve as President in 1999) and two Members-at-Large -- one for a one-year term, one for a two-year term -- on the IEEE-USA's Board of Directors. In February 1997, the Board approved the candidates nominated for all positions.

IEEE-USA's President will now speak strictly for the IEEE's U.S. members, while the IEEE President will still represent the transnational IEEE. The Member-at-Large positions represent all IEEE U.S. members. In

subsequent years, members will elect only a President-Elect and a Member-at-Large. Elections for other candidates take place just in this year of transition.

Candidates for IEEE-USA 1998 President are George F. McClure and John R. Reinert; 1998 President-Elect candidates are Paul J. Kostek and Charles S. Lessard. For 1998 Member-At-Large, the candidate is Jerry C. Aukland, while Frank E. Lord and Robert P. Noberini are nominated for 1998-99 Member-At-Large.

Members will receive their ballots by mail with the elections booklet on the IEEE and IEEE-USA candidates, and instructions on how to return their votes. In the meantime, they can check out the IEEE-USA elections Web page at <http://www.ieee.org/usab/ELECTION/> to learn more and to link to other relevant sites.

IEEE CINCINNATI SECTION GOLF OUTING NEWS

1997 IEEE Golf Outing Stays Dry

Over 75 golfers were at the Fairfield Golf Course for the 1997 IEEE Golf Outing. Rain threatened, but all stayed dry. The event included 18 holes of golf, steak dinner and door prizes.

“Shot-gun” Start Gets Golfers on the Course

Due to another group outing getting a late start before the IEEE outing, Jim Slominki, Fairfield Golf Pro put golfers on the course quickly with a quasi-“shotgun” start. The only problem was with all foursomes finished at the same time, it swamped the scorekeeper. Next year we will have more than one laptop to enter scores.

Golf Prizes Awarded

Scores ranged from 73 through mid-130’s. Gift certificates were awarded to Tim Hinkel’s 73 for Low Gross; and Bill McCloy for his “Callowayed” 71 Low Net. Prizes were given for longest drives, closest to the pins, and longest putt. The “yellow” ball competition had 6 groups who did not lose their ball. Jerry Brown, Mike Bigford, Joe Jett, and Mick Hall won the Yellow-ball competition with a score of 88 handicapped to 74. Skin game winners were Tim Hinkel, Glen Perry, Casey Roynon, Mike Kirkham, and Joe Jett.

“Great” Participation and “Fantastic” Door Prizes for All

The IEEE outing got tremendous support this year from many electric power and telecommunications equipment manufacturers, manufacturer representatives, vendors, and distribution warehouse companies. **The IEEE Outing’s success this year was due to their participation and generosity. Thank you:**

**AEG
Basler Electric
Burdy Corporation
Connector Products Inc.
Reed City/ E&C
ELUS
ELUS
D. R. Falzine and Associates, Inc.
Hevi-Duty
High Voltage Maintenance
Hubble
Ickes and Associates
IEEE
Joslyn Manufacturing
Joslyn High Voltage
Midstates Sales Associates, Inc.**

**Robert Howley
Robert Howley
Mike Eibel
Tom Polidori
Dave Zabel
John Commons
John Hebeler
Jim McCready
Doug Hester
Chess Cornett
Jerry Brown
Roy Ickes
Orest Melnyk
Ned Holtzmuller
Lance Sabatos
Kirby Glazier**

Midstates Sales Associates, Inc.
Newell Porcelain
Okonite
Osmos
Pennsylvania Transformer Technology
Power Distribution Service, PDS
Power Engineering Technology
Preformed Line Products
Robert Howley Company
Casey Roynon and Assoc.
Steinger and Associates
Truitt Electrical Sales, Howard
Industries
U & I Products
Utilco Company
USCO
Lucent Technologies

Steve Sautel
Robert Howley
Jim Caccia
Glen Perry
Robert Howley
Bill McCloy
Dick Doppes
Dennis Dunlap
Robert Howley
Casey Roynon
Phil Christina
John Truitt

Bill Newman
Jim Schottle
Robert Howley
Gary Robbins

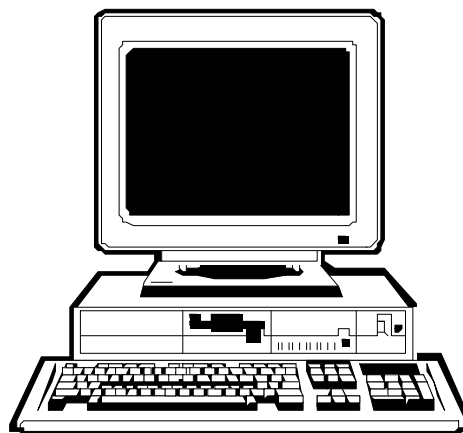
Orest Melnyk, Cincinnati Bell and Mike Clodfelder, Cinergy, who organized the annual event, want to thank everyone who helped make this day a success. Thank God for the decent weather.

CHECK US OUT ON-LINE!!!!

The IEEE Cincinnati Section Newsletter is now on-line on the Internet at <http://ieee.cincinnati.fuse.net>. In addition to the normal "bookkeeping" functions, you'll find an archive of all of Dick Reiman's articles that you can read and download. We'll also show technical meeting plans for the year and have plans to enlarge the scope of the page as time progresses. Let us know what you think of the page, and tell us what else we can provide to make it more interesting and useful to you.

The Newsletter is also available via e-mail. Currently, about eighty members receive their Newsletter in this fashion. In addition to saving your Section mailing and handling costs, members receiving their Newsletters via e-mail receive it quicker than members who receive it through the regular mail, have the capability to archive the Newsletters electronically and can save only those articles which interest them.

If you are interested in receiving YOUR Newsletter through e-mail, please send an e-mail message to Bob Morrison at j.r.morrison@ieee.org indicating such. Be sure to include your member number, the complete address to which the Newsletter is currently mailed and the format preferred. At this time, the Newsletter is electronically distributed in Microsoft Word, Wordperfect and Text Formats.



NEW MEMBERS

The following individuals are new IEEE members who are in our Section:

EARL G. BOERTLEIN II
RICHARD J. BOWLING
THOMAS B. DEAN
JANARDHAN DEVRAJAN
MICHAEL P. DIETZ
JASON EAGER
ANITA M. GINDLING
MARK C. HOLLAND
JOHN D. HORN III
KEVIN L. HOUSER

ANDRE L. JENNINGS
TAMERA J. KOEGLER
DRU E. KUHLMAN
CHAD ALAN LANNES
JOHN LONG
DAN S. LOUDERMILK
THERESA A. MARCHWINSKI
MARK A. MEISTER
GERALD M. PETERSON
MICHAEL J. ROZEN

KENNETH S. SEDZIOL
MICHAEL D. SIMMS
JAMES SMALL
JAMES D. STUMP
NATHAN A. VAN WINKLE
JOSEPH M. VEEDOCK
GREGG WOOD
MARK K. ZAWADZKI

The following individuals are existing IEEE members who have moved into the Cincinnati Section:

THOMAS C. BURNS
JIM CACCIA
BARRY T. CHILDS
JIN-WOO CHOI
JAMES R. COOK
TIMOTHY S. CROUCHER
SERHAN DAGTAS
MICHAEL P. DIETZ
W L. FRISBIE
DOUGLAS P. GARDNER
STEVEN A. HOLZHEIMER
JASON J. JACOB

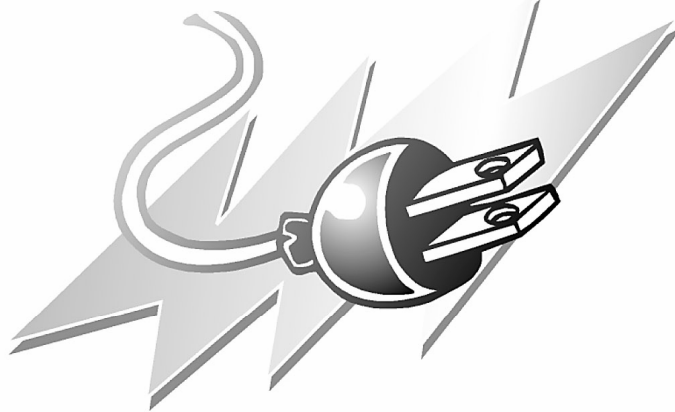
RANDE T. JOHNSON
CARL H. JONES III
STEPHEN R. KING
OLLEN J. LANDRUM
BRADFORD Y. MCGANN
MIGUEL M. MICIANO
KELLE L. MITCHELL
BRUCE R. MONTGOMERY, JR.
MAHARAJ MUKHERJEE
CLIFFORD J. NORMAND, JR.
JOHN J. PENIX
JEFFREY M. PHILLIPS

JOSE A. PICANS
NATHANIEL L. PIHL
M. J. RANDALL
PAUL G. RITCHIE
CHARLES W. SALETTA, JR.
MICAH JOEL SCHEHL
PETER G. SOLINSKY
ROY K. SPARKS
CHRIS VAUGHAN
MICHAEL J. VRHEL
JASON R. WHITE
RICHARD L. WILLIAMS

We wish to extend our welcome to all of our Section's new members!!!

POWER TO THE PEOPLE

Plug In To The 1997 IEEE-USA Elections



Remember to vote this fall in IEEE-USA's first-ever Elections!

Members will receive their ballots by mail with the elections booklet on the IEEE and IEEE-USA candidates, and instructions on how to return their votes.

In the meantime check out the IEEE-USA elections Web page to learn more about the 1997 vote!

<<http://www.ieee.org/usab/ELECTION/>>

ELECT TO CONNECT

Dee Scott (call for
reservations) 385-9446

Randy Holt - Chairman

Bob Haas - Vice Chairman

Orest Melnyk - Treasurer

Chris Anderson - Secretary

Ron Harbaugh - Member-At-Large

Eric Wright - Member-At-Large

Jack Beckmeyer - Arrangements Chairman

Bill Lohner - PACE Chairman

Bob Morrison - Editor

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